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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

Sheet 1 of 1 application to 1 applicatio

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

1830.1023	10/580,863
FIRST NAMED INVENTOR	
Kazuhiro OBAE et al.	
FILING DATE	GROUP ART UNIT
May 26, 2006	1623

U.S. PATENT DOCUMENTS

'EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	2003/0100749	05/29/2003	Withers et al.			
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	AC						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
AD	WO 01/33973	05/17/2001	WIPO		
AE	0 470 331	02/12/1992	Europe		
AF					
AG					

OTHE	R REFERE	NCES (Including Author, Title, Date, Pertinent Pages, Etc.)	TRANSI YES	ATION NO
	AH	Shiro Kobayashi et al., "Chemical synthesis of cellulose and cello- oligomers using a hydrolysis enzyme as a catalyst", INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, BUTTERWORTH & CO., GUILDFORD, GREAT BRITAIN, Vol. 17, No. 6, 1995, Pgs. 373-379.		
	Al	K. Bhat et al., "Study of the mode of action and site specificity of the endo-(1-4)-beta-D-glucanases of the fungus Penicillium pinophilum with normal, 1-3H-labelled, reduced and chromogenic cello-oligosaccharides", BIOCHEMICAL JOURNAL, PORTLAND PRESS, LONDON, GREAT BRITAIN, Vol. 266, No. 2, March 1, 1990, Pgs. 371-378.		

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citalion if not in conformance and not considered. Include copy of	ation is in conformance with MPEP 609. Draw line through of this form with next communication to applicant.





ATTACHMENT 1(g)

LIST	OF	ADDITIONAL SUBMITTED	
		DOCUMENTS	

ATTORNEY DOCKET NO.	APPLICATION NO.
1830.1023	10/580,863
FIRST NAMED INVENTOR	***************************************
Kazuhiro OBAE et al.	
FILING DATE	GROUPARTUNIT
May 26, 2006	

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should be deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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	AB						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSL YES	ATION NO
AC							
AD							

OTHER DO	CUME	NTS (including Author, Title, Date, Pertinent Pages, Etc.)	TRANSL YES	ATION NO
	AE	Supplementary European Search Report, mailed March 26, 2007, and issued in corresponding European Patent Application No. 04819431.0-2115		

EXAMINER E	DATE CONSIDERED
*EXAMINER: Initial if document considered, whether or not citatic citation if not in conformance and not considered. Include copy of the	on is in conformance with MPEP 609; Draw line through his form with next communication to applicant.

10/580863 'AP9Rec'd PGT/PTO 26 MAY 2006

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	FOREIGN F	PATENT DOC	UMENTS		·····	
DOCUMENT NO.	DATE	cou	NTRY			ABSTRACT
60181102	September 1985	JAPAN	***************************************			YES
4091795	March 1992	JAPAN				YES
8073506	March 1996	JAPAN				YES
		3				
P PEFFRENCES	INCLUDING A	UTHOR. TITL	E. DATE. PE	RTINENT I	PAGES.	ETC.)
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PCT Internat	ional Search Re			Office Mail	ed on	
		DATE	CONSIDERE	D		
	60181102 4091795 8073506 RREFERENCES Koki FUJITA Anthrobacte and enzymes PCT Internat January 25, 2	FOREIGN I DOCUMENT NO. DATE FOREIGN I DOCUMENT NO. DATE 60181102 September 1985 March 1992 8073506 March 1996 ER REFERENCES (INCLUDING A Koki FUJITA et al., "Transfer Anthrobacter sp. K-I" Journ and enzymes, Vol. 39, No. 2 PCT International Search Re January 25, 2005	FOREIGN PATENT DOC DOCUMENT NO. DATE COU	FOREIGN PATENT DOCUMENTS DOCUMENT NO. DATE COUNTRY 60181102 September 1985 JAPAN 4091795 March 1992 B073506 March 1996 JAPAN ER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PE Koki FUJITA et al., "Transfer Reaction of β-Fructofuran Anthrobacter sp. K-I" Journal for starch and its related and enzymes, Vol. 39, No. 2 Pages 135-142, 1992 PCT International Search Report from Japanese Patent January 25, 2005 DATE CONSIDERE	FOREIGN PATENT DOCUMENTS DOCUMENT NO. DATE COUNTRY TRANSITYES 60181102 September 1985 JAPAN 4091795 March 1992 JAPAN 8073506 March 1996 JAPAN ER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT INC.) Koki FUJITA et al., "Transfer Reaction of β-Fructofuranosidase from Anthrobacter sp. K-I" Journal for starch and its related carbohydriand enzymes, Vol. 39, No. 2 Pages 135-142, 1992 PCT International Search Report from Japanese Patent Office Mail January 25, 2005 DATE CONSIDERED	FOREIGN PATENT DOCUMENTS DOCUMENT NO. DATE COUNTRY TRANSLATION YES NO